

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001120

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: A61B 5/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI and Medline +keywords: blink, eye, cognitive and similar terms

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Perceptual and Motor skills, 81(3 part 2):1219-1229 "Analysis of eyeblink activity during self-referent information processing in mild depression" Ohira December 1995 Page 1221 lines 6 to 8	1-5, 20-25, 28, 49-57b
Y		49, 50, 53, 54
X	Perceptual and Motor skills, 82(3 part 1):835-842 "Eyeblink activity in a word-naming task as a function of semantic priming and cognitive load" Ohira June 1996 Page 842 lines 12 to 15	1-5, 20, 24, 25, 49-57b
Y		49, 50, 53, 54
X	International Journal of Psychophysiology, 8(1):35-42 "Eye movements and blinks: their relationship to higher cognitive processes" Fogarty et al September 1989 Page 41 column 2 lines 25 to 29	1-5, 20, 24, 25, 49-57b
Y		49, 50, 53, 54



Further documents are listed in the continuation of Box C



See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 17 September 2004	Date of mailing of the international search report 2-8 SEP 2004
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929	Authorized officer SUE THOMAS Telephone No : (02) 6283 2454

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Integrative Physiological and Behavioral Science, 26(2):108-116 "Blinks as an index of cognitive activity during reading" Orchard et al April 1991 Page 115 lines 11 to 12	1-5, 20, 24, 25, 49-57b
Y		49, 50, 53, 54
X	Perceptual and Motor skills, 79(3 part 2):1599-1608 "Analysis of eyeblink activity during discriminative tasks" Fukuda December 1994 Page 1608 lines 9 to 11	1-5, 20, 24, 25, 49-57b
Y		49, 50, 53, 54
Y	Patent Abstracts of Japan JP, 2002355238 A (NIPPON HOSO KYOKAI KK) 10 December 2002 Whole document	49, 50, 53, 54
A	Perceptual and Motor Skills, 41(2):403-406 "Blinking and Thinking" Holland et al October 1975	
A	Psychophysiology, 21(1):22-33 "The endogenous eyeblink" Stern et al January 1984	
A	Psychophysiology, 22(6):629-635 "Blink activity in a discrimination task as a function of a stimulus modality and schedule of presentation" Goldstein et al November 1985	
A	Movement Disorders, 12(6):1028-1034 "Analysis of blink rate patterns in normal subjects" Bentivoglio et al November 1997	
A, E	Biological psychology 66(3):191-219 "Endogenous eye blinks in preadolescents: relationship to information processing and performance" Pivik et al July 2004	
A, E	Perceptual and Motor Skills, 98(1):131-140 "eyeblink activity as an index of cognitive processing: temporal distribution of eyeblinks as an indicator of expectancy in semantic priming" Ichikawa et al February 2004	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001120

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report	Patent Family Member
JP 2002355238	
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.	
END OF ANNEX	